

Message Text

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TO USMISSION IAEA VIENNA
INFO AMEMBASSY MOSCOW

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E.O. 11652:N/A

TAGS:IAEA, TECH, PARM

SUBJECT:IAEA PNE ADVISORY GROUP - ECONOMIC STUDY

REF: IAEA VIENNA 8484

MOSCOW FOR TTBT/PNE DELEGATION

1. MISSION IS REQUESTED TO ADVISE THE APPROPRIATE IAEA
STAFF OF THE FOLLOWING WITH RESPECT TO THE ECONOMIC STUDY
OF PNE BEING PREPARED BY U.S. CONSULTANT HENRY ROWEN.

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2. PROFESSOR ROWEN WILL TRY TO MEET THE PROPOSED 15 DECEM-

BER DUE DATE FOR THE INITIAL DRAFT. HIS ORIGINAL SCHEDULE, HOWEVER, WAS TO COMPLETE THE WORK ON THE DRAFT DURING THE LAST THREE WEEKS OF DECEMBER AFTER HIS FALL QUARTER CLASSES HAVE ENDED AND, CONSEQUENTLY, IT MAY NOT BE POSSIBLE FOR HIM TO SUBMIT THE INITIAL DRAFT UNTIL 30 DECEMBER.

3. THE COMMENTS ON THE ADVISORY GROUP AS REPORTED IN PARAGRAPH 10 OF REFTEL ON THE SCOPE OF ROWEN'S STUDY HAVE BEEN PROVIDED TO ROWEN AND TO THE EXTENT TIME PERMITS WILL BE REFLECTED IN THE INITIAL DRAFT. THE MATERIAL ON USE OF PNE FOR MILITARY PURPOSES AND ON HEALTH AND SAFETY WILL BE RESTRICTED TO COST IMPLICATIONS. THIS AND ALL OF THE INTRO-

DUCTORY MATERIAL WILL BE SHORT AND WILL NOT AFFECT THE COMPLETION DATE. THE STUDY WILL TAKE INTO ACCOUNT DIFFERENT LOCATIONS AND ALTERNATIVE TECHNOLOGIES. WITH RESPECT TO THE REFERENCE TO RESOURCES, THE STUDY WILL TREAT, FOR EXAMPLE, AN ECONOMIC COMPARISON OF GAS STIMULATION BY PNE AND BY MASSIVE HYDRAULIC FRACTURING, BUT IT MAY NOT BE POSSIBLE WITHIN ANY RELEVANT TIME FRAME TO BROADEN THE SCOPE OF THE STUDY TO INCLUDE ALTERNATIVE RESOURCES SUCH AS AN ECONOMIC COMPARISON OF THESE APPROACHES WITH GASIFICATION OF COAL OR OTHER SOURCES OF GAS. WITH RESPECT TO DIFFERENCES AMONG COUNTRIES IN COSTING METHODS AND IN COST DATA, ROWEN WILL INCLUDE WHAT HE CAN, BUT THE UNDERSTANDING WITH THE SECRETARIAT (OTWAY) FROM THE BEGINNING WAS THAT MUCH OF THIS MATERIAL WOULD HAVE TO BE PROVIDED BY CONSULTANTS FROM OTHER COUNTRIES. THE STUDY WILL ALSO DISCUSS THE EXTENT TO WHICH ESTIMATES CAN BE MADE (AND THE DIFFICULTIES OF MAKING ESTIMATES) OF POTENTIAL EXCAVATION PROJECTS AND OF INCREASES IN WORLD RESERVES OF RESOURCES.

4. FOR PLANNING TRANSLATION ROWEN ESTIMATES VERY ROUGHLY THAT HIS DRAFT WILL BE 50 SINGLE-SPACED PAGES.

5. WITH RESPECT TO THE PROPOSED 16 FEBRUARY CONSULTANTS MEETING, ROWEN'S TEACHING SCHEDULE DURING THE WINTER QUARTER, UNFORTUNATELY, DOES NOT PERMIT HIM TO COME TO VIENNA DURING JANUARY OR FEBRUARY. THE EARLIEST ROWEN UNCLASSIFIED

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COULD COME TO VIENNA IS 15 MARCH AND HE IS RELATIVELY FREE AFTER THAT DATE. WE BELIEVE IT IS VERY IMPORTANT FOR ROWEN TO PARTICIPATE IN ANY CONSULTANTS MEETING ON THIS STUDY AND URGE THIS CONSULTANTS MEETING BE RESCHEDULED FOR NO EARLIER THAN 15 MARCH.

6. AS INDICATED ABOVE, THERE ARE CERTAIN PORTIONS OF THE STUDY, PARTICULARLY COSTING METHODS AND DATA FOR OTHER

COUNTRIES, WHICH CAN BEST BE PROVIDED IN DRAFT BY CONSULTANTS FROM OTHER RELEVANT COUNTRIES. IT WOULD APPEAR DESIRABLE FOR THESE CONSULTANTS TO BE IDENTIFIED AS EARLY AS POSSIBLE AND TO BEGIN COLLECTING THE RELEVANT MATERIAL BEFORE RECEIVING ROWEN'S INITIAL DRAFT. BY BRINGING DRAFT MATERIAL TO THE CONSULTANTS MEETING IT SHOULD BE POSSIBLE TO PRODUCE A FAIRLY CONSOLIDATED AND COMPLETE DRAFT DURING A FIRST CONSULTANTS MEETING FOR SUBMISSION TO THE ADVISORY GROUP IN JUNE.

7. MISSION IS ALSO REQUESTED TO ADVISE THE IAEA OF (1) THE USG WILLINGNESS TO ASSIST SECRETARIAT IN THEIR PREPARATION OF THE CATALOG OF POSSIBLE PNE APPLICATIONS, (2) THE USG DESIRE TO SEND CONSULTANTS TO THE MID-JANUARY MEETING ON THE LEGAL ASPECTS DRAFT AND TO THE MEETING ON THE HEALTH, SAFETY AND ENVIRONMENTAL DRAFT, AND (3) THE U.S. VIEW THAT THIS LATTER MEETING MIGHT BETTER BE SCHEDULED DURING THE LAST HALF OF JANUARY, VICE 9 FEBRUARY, IN ORDER TO ENSURE SUFFICIENT TIME TO PREPARE AND TRANSLATE BY 2 MARCH THE PRODUCT OF THE CONSULTANTS MEETING.

8. MISSION IS REQUESTED TO PROVIDE THE ABOVE INFORMATION TO THE AUSTRALIAN MISSION FOR TRANSMISSION TO WILSON. KISSINGER

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